

therefor -- Con II or Super Controller Model A --.

In The Claims

Amend claim 1 as follows:

-- //. (Amended) A progressive accumulator for use in a progressive jackpot gaming system in which a plurality of gaming machines are adapted to receive coins-in and to have one or more [associated] jackpot groups whose respective jackpot values are determined based upon the coins-in and the jackpot-wins at the gaming machines, said gaming machines developing coins-in information including information related to each coin-in and jackpot-win information including information related to each jackpot-win and being adapted to make said coins-in information and said jackpot-win information available to the accumulator; the accumulator comprising:

a real time clock;

[and] means responsive to [jackpot-win information from the gaming machines and to] said real time clock: for receiving said coins-in and jackpot-win information from said gaming machines; for electronically tagging each jackpot-win in said jackpot-win information with a time and date of receipt; and for establishing jackpot values for said gaming machines based on said coins-in information and said jackpot-win information;

means for storing each said electronically tagged
jackpot-win;

and means for enabling said established jackpot values
to be made available for supply to said gaming machines. --.

Delete claim 2

Amend claim 3 as follows:

(Amended) A progressive accumulator in accordance with claim [2] 1 wherein:

said jackpot-win information includes for each jackpotwin in said jackpot-win information identification of the jackpot group won;

and said means for storing stores [table includes] the jackpot value corresponding to each [set of] stored electronically tagged jackpot-win [information].

Claim 4, line 3, delete "the".

Amend claims 5, 6 and 7 as follows:

(Amended) A progressive accumulator for use in a progressive jackpot gaming system in which a plurality of gaming machines are adapted to receive coins-in and to have one or more [associated] jackpot groups whose respective jackpot values are determined based upon the coins-in and the jackpot-wins at the gaming machines, said gaming machines developing coins-in information including information related to each coin-in and jackpot-win information including information related to each jackpot-win and being adapted to make said coins-in information and said jackpot-win information available to the accumulator; the accumulator comprising:

first means [responsive to] for: receiving the jackpot-win information and the coins-in information developed by

the gaming machines; for developing [progressive] jackpot [amounts] values for said jackpot groups based on said coins-in information and said jackpot-win information; said first means including programming means containing a program for operating said first means and data storage means;

second means adapted to connect to an external device which is other than a gaming machine for allowing the external device to transmit messages to said first means for [changing] accessing said first means for preselected purposes [, said messages including device identification and a message type identification];

said first means [in response to each of said messages storing the device identification and message type identification in said data storage means] responding to a message for accessing said first means for a particular preselected purpose only if the message contains one or more of a device identification and a message identification;

pland third means enabling said established jackpot values to be made available for supply to said gaming machines.

(Amended) An accumulator in accordance with claim by wherein:

said first means [fails to respond to messages for changing said first means unless the messages contain device identification] in response to a message stores in said storage

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means the device identification and message type identification contained in that message.

(Amended) An accumulator in accordance with claim 5 wherein:

said first means in developing said jackpot values;

[are] for [changing] accessing said first means for the purpose of gaining access to said jackpot data in said storage means and for the purpose of gaining access to said program [changing the configuration] of said programming means only if the messages contain both a device identification and a message identification.

Delete claim 8

Amend claims 9-16 as follows:

A progressive accumulator for use in a progressive jackpot gaming system in which a plurality of gaming machines are adapted to receive coins-in and to have a plurality of [associated] jackpot groups whose respective jackpot values are determined based upon the coins-in and the jackpot-wins at the gaming machines, said gaming machines developing coins-in information including information related to each coin-in and jackpot-win information including information related to each jackpot-win and being adapted to make said coins-in information and said jackpot-win information available to the accumulator;

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[said] the accumulator comprising:

means for receiving said coins—in information and said jackpot—win information;

[and] means responsive to said receiving means: for allocating the jackpot-win information to said jackpot groups; for permitting, but not requiring, allocation of the information in the coins-in information related to a particular coin-in to more than one but less than all of the jackpot groups; and for establishing a jackpot value for each particular jackpot group based upon the [received] coins-in information and jackpot-win information allocated to that particular jackpot group [, said means for establishing including means capable of allocating the coin-in information of a particular coin selectively to one or more of the jackpot groups];

be made available for supply to said gaming machines.

(Amended) An accumulato

10. (Amended) An accumulator in accordance with claim

wherein:

establishing] establishes a jackpot value for each particular jackpot group by [adding] summing a base jackpot amount [to] with a further jackpot amount which is based upon [the coins] each coin-in indicated by the information related to each coin-in contained in the coins-in information allocated to the particular jackpot group.

wherein:

said further jackpot amount <u>for each particular jackpot</u>
group is determined by <u>summing</u> [adding an] increment <u>jackpot</u>
amounts determined for [each] <u>the</u> indicated coins-in for that
particular jackpot group.

wherein:

establishing] determines from the <u>information related to each</u>

coin-in contained in the coins-in information allocated to a

particular jackpot group which <u>one</u> of a plurality of [increments]

increment jackpot amounts is to be used for each indicated coinin whose increment jackpot amount is to be summed to form said

further jackpot amount for that particular jackpot group; and

sums said determined increment jackpot amounts for the particular
jackpot group to form the further jackpot amount for the

particular jackpot group.

progressive jackpot gaming system in which a plurality of gaming machines are adapted to receive coins-in and to have one or more [associated] jackpot groups whose respective jackpot values are determined based upon the coins-in and the jackpot-wins at the gaming machines, said gaming machines developing coins-in information including information related to each coin-in and

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jackpot-win information including information related to each jackpot-win and being adapted to make said coins-in information and said jackpot-win information available to the accumulator, [said] the accumulator comprising:

 $p \mid$ means for receiving coins-in information and jackpot-win information;

and means responsive to said receiving means: for allocating the jackpot-win information and the coins-in information to the jackpot groups; for establishing a jackpot value for a particular jackpot group based upon the information related to each coin-in in the coins-in information and the jackpot-win information [associated with] allocated to that particular group, said establishing [means] including [further means capable of causing said] the capability of establishing [means to establish] at one of a plurality of levels the contribution of a particular coin-in to [the] a particular jackpot value [at one of a plurality of levels] depending upon the information in said coins-in information [corresponding] related to the particular coin-in;

and means for enabling said established jackpot values
to be made available for supply to said gaming machines.

(Amended) An accumulator in accordance with claim is wherein:

each said level is a different increment jackpot amount;

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and said means responsive to said receiving means establishes [said establishing means determines said] each particular jackpot value by [adding to] summing with a base jackpot amount[, for each particular coin indicated by the associated coins-in information, a further] the increment jackpot amounts [equal to one of a plurality of increments] for the coins-in indicated in the information in said coins-in information allocated to a particular jackpot group[;]

[and said further means determines the increment to be used by said establishing means for each particular coin]. (3)

[Amended] A progressive accumulator for use in a progressive jackpot gaming system in which a plurality of gaming machines are adapted to receive coins-in and to have one or more [associated] jackpot groups whose respective jackpot values are determined based upon the coins-in and the jackpot-wins at the gaming machines, said gaming machines developing coins-in information including information related to each coin-in and jackpot-win information including information related to each jackpot-win and being adapted to make said coins-in information and said jackpot-win information available to the accumulator, the [said] accumulator comprising:

means for receiving coins-in information and jackpotwin information from said gaming devices,

 ρ means responsive to said receiving means for establishing jackpot values for said jackpot groups based upon

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the coins-in information and jackpot-win information [associated with the groups];

be made available for supply to said gaming machines;

positions each for storing the information in said jackpot-win
information [associated with] related to one jackpot-win;

I and means for clearing from said stack the [jackpot-win] information [associated with a won] related to a jackpot-win immediately and regardless of the position in said memory stack in which said information is stored [location of the jackpot-win information in the stack], upon receipt from the gaming machine at which the jackpot-win has [been won] occurred of a signal indicating that the jackpot-win has been cleared and for reshuffling the stack to [move jackpot-win] compress the information related to other jackpot-wins in the stack [to fill] and thus eliminate isolated empty stack positions.

A progressive accumulator in accordance with claim 25 further comprising:

means for transmitting the jackpot values established
by said establishing means to said gaming machines;

for inhibiting said transmitting means from transmitting to a gaming machine where a jackpot—win has occurred [group has been won of] the jackpot value [being established by said establishing means for said] of the jackpot group of the won

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<u>jackpot</u> until the [storage of the jackpot] information [of]

<u>related to</u> the [won] jackpot—win stored in said stack has been

cleared from said stack.

Delete claim 17.

Amend claim 18 as follows:

15. A progressive jackpot gaming system comprising:

coins-in and one or more having [associated] jackpot groups whose respective jackpot values are determined based upon the coins-in and the jackpot-wins at the gaming machines, said gaming machines [each] developing coins-in information including information related to each coin-in and jackpot-win information including information related to each jackpot-win and being adapted to make said coins-in information and said jackpot-win information available to a progressive accumulator;

and a progressive accumulator responsive to said gaming machines for determining said jackpot values comprising: a real time clock; [and] means responsive to [jackpot-win information from the gaming machines and to] said real time clock: for receiving said coins-in and jackpot-win information from said gaming machines; for electronically tagging each jackpot-win in said jackpot-win information with a time and date of receipt; and for establishing jackpot values for said gaming machines based on said coins-in information and said jackpot-win information; means for storing each said electronically tagged jackpot-win; and

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means for enabling said established jackpot values to be made available for supply to said gaming machines.

Delete claim 19.

comprising:

Amend claims 20-31 as follows:

-- 20. (Amended) A system in accordance with claim [19] 18 wherein:

said jackpot-win information includes <u>for each jackpot-win in said jackpot win information identification of</u> the jackpot group <u>won</u> and [the] identification of the gaming machine at which the win occurred;

and said means for storing stores [table includes] the jackpot value corresponding to each [set of] stored electronically tagged jackpot-win information. (Amended) A progressive jackpot gaming system

a plurality of gaming machines <u>adapted to receive</u>

<u>coins-in and one or more having</u> [associated] jackpot groups whose respective jackpot values are determined based upon the coins-in <u>and the jackpot-wins</u> at the gaming machines, [each] said gaming machines developing coins-in information <u>including information</u>

<u>related to each coin-in</u> and jackpot-win information <u>including</u>

<u>information related to each jackpot-win and being adapted to make</u>

<u>said coins-in information and said jackpot-win information</u>

<u>available to a progressive accumulator</u>;

 ρ and a progressive accumulator responsive to said gaming

machines for developing said jackpot values comprising: means [responsive to] for: receiving the jackpot-win information and the coins-in information developed by the gaming machines; for developing [progressive] jackpot [amounts] values for said jackpot groups based on said coins-in information and said jackpot-win information: [,] said first means including programming means containing a program for operating said first means and data storage means; second means adapted to connect to an external device which is other than a gaming machine for allowing the external device to transmit messages to said first means for [changing] accessing said first means for preselected purposes [, said messages including device identification and a message type identification]; [and] said first means [in response to each of said messages storing the device identification and message type identification in said data storage means] responding to a message for accessing said first means for a particular preselected purpose only if the message contains one or more of a device identification and a message identification; and third means enabling said estalished jackpot values to be made available for supply to said gaming machines. ((Amended)) A system in accordance with claim 24

\$\int \int \] said first means [fails to respond to messages for changing said first means unless the messages contain device identification] in response to a message stores in said storage

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wherein:

means the device identification and message type identification contained in that message.

(Amended) A system in accordance with claim 22 wherein:

[are] for [changing] accessing said first means for the purpose of gaining access to jackpot data in said storage means and for the purpose of gaining access to said program [changing the configuration] of said programming means only if the messages contain both a device identification and a message identification.

20 24. A progressive jackpot gaming system comprising:

coins-in and one or more having a plurality of [associated] jackpot groups whose respective jackpot values are determined based upon the coins-in and the jackpot-wins at the gaming machines, [each] said gaming machines developing coins-in information including information related to each coin-in and jackpot-win information including information related to each jackpot-win and being adapted to make said coins-in information and said jackpot-win information available to a progressive accumulator;

 $oldsymbol{\ell}$ (and a progressive accumulator responsive to said gaming

machines for developing said jackpot values comprising: means for receiving said coins-in information and said jackpot-win information; [and] means responsive to said receiving means; for allocating the jackpot win information to said jackpot groups; for permitting, but not requiring, allocation of the information in the coins-in information related to a particular coin-in to more than one but less than all of the jackpot groups; and for establishing a jackpot value for each particular jackpot group based upon the [received] coins-in information and jackpot-win information allocated to that particular jackpot group [, said means for establishing including means capable of allocating the coin-in information of a particular coin selectively to one or more of the jackpot groups]; and means enabling said established jackpot values to be made available for supply to said gaming machines.

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(Amended) A system in accordance with claim 24 wherein:

said means responsive to said receiving means [for establishing] establishes a jackpot value for each particular jackpot group by [adding] summing a base jackpot amount [to] with a further jackpot amount which is based upon [the coins] each coin-in indicated by the information related to each coin-in contained in the coins-in information allocated to the particular jackpot group.

26. (Amended) A system in accordance with claim 25

wherein:

said further jackpot amount <u>for each particular jackpot</u>

group is determined by <u>summing</u> [adding an] increment <u>jackpot</u>

amounts determined for [each] <u>the</u> indicated coins-in for that

particular jackpot group.

Amended) A system in accordance with claim 28 wherein:

establishing] determines from the <u>information related to each</u>
coin-in contained in the coins-in information allocated to a
particular jackpot group which <u>one</u> of a plurality of [increments]
increment jackpot amounts is to be used for each indicated coinin whose increment jackpot amount is to be summed to form said
further jackpot amount for that particular jackpot group; and
sums said determined increment jackpot amounts for the particular
jackpot group to form the further jackpot amount for the
particular jackpot group.

(Amended) A progressive jackpot gaming system comprising:

a plurality of gaming machines <u>adapted to receive</u>

<u>coins-in and</u> having <u>one or more</u> [associated] jackpot groups whose respective jackpot values are determined based upon the coins-in <u>and the jackpot-wins</u> at the gaming machines, [each] said gaming machines developing coins-in information <u>including information</u>

<u>related to each coin-in</u> and jackpot-win information <u>including</u>

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information related to each jackpot-win and being adapted to make said coins-in information and said jackpot-win information available to a progressive accumulator;

and a progressive accumulator responsive to said gaming machines for developing said jackpot values comprising: for receiving coins-in information and jackpot-win information; [and] means responsive to said receiving means: for allocationg the jackpot win information and the coins-in information to the jackpot groups; for establishing a jackpot value for a particular jackpot group based upon the information related to each coin-in <u>in</u> the coins-in information and <u>the</u> jackpot-win information [associated with] allocated to that particular group, said establishing [means] including [further means capable of causing said] the capability of establishing [means to establish] at one of a plurality of levels the contribution of a particular coin-in to [the] a particular jackpot value [at one of a plurality of levels] depending upon the information in said coins-in information [corresponding] related to the particular coin-in; and means for enabling said established jackpot values to be made available for supply to said gaming machines. (--)

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(Amended) A system in accordance with claim 28

wherein:

each said level is a different increment jackpot amount;

and said means responsive to said receiving means

establishes [said establishing means determines said] each

particular jackpot value by [adding to] summing with a base

jackpot amount[, for each particular coin indicated by the

associated coins-in information, a further] the increment jackpot

amounts [equal to one of a plurality of increments] for the

coins-in indicated in the information in said coins-in

information allocated to a particular jackpot group[;]

[and said further means determines the increment to be used by said establishing means for each particular coin].

[Amended]: A progressive jackpot gaming system comprising:

a plurality of gaming machines adapted to receive coins-in and having one or more [associated] jackpot groups whose respective jackpot values are determined based upon the coins-in and the jackpot-wins at the gaming machines, [each] said gaming machines developing coins-in information including information related to each coin-in and jackpot-win information including information related to each jackpot-win and being adapted to make said coins-in information and said jackpot-win information available to a progressive accumulator;

for and a progressive accumulator responsive to said gaming machines for developing said jackpot [vlaues] values comprising: means for receiving coins-in information and jackpot-win information from said gaming machines; means responsive to said receiving means for establishing jackpot values for said jackpot

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groups based upon the coins-in information and jackpot-win information [associated with the groups]; means for enabling said established jackpot values to be made available for supply to said gaming machines; a [jackpot] memory stack having a plurality of positions each for storing the information in said jackpot-win information [associated with] related to one jackpot-win; and means for clearing from said stack the [jackpot-win] information [associated with a won] related to a jackpot-win immediately and regardless of the position in said memory stack in which said information is stored [location of the jackpot-win information in the stack], upon receipt from the gaming machine at which the jackpot-win has [been won] occurred of a signal indicating that the jackpot-win has been cleared and for reshuffling the stack to [move jackpot-win] compress the information related to other jackpot-wins in the stack [to fill] and thus eliminate isolated empty stack positions.

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A system in accordance with claim 30 wherein:

transmitting the jackpot values established by said establishing means to said gmaing machines; and means for inhibiting said transmitting means from transmitting to a gaming machine where a jackpot—win has occured [group has been won of] the jackpot value [being established by said establishing means for said] of the jackpot group of the won jackpot until the [storage of the

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jackpot] information [of] related to the [won] jackpot-win stored in said stack has been cleared from said stack.

Delete claim 32.

Amend claim 33 as follows:

in which a plurality of gaming machines are adapted to receive coins-in and to have one or more [associated] jackpot groups whose respective jackpot values are determined based upon the coins-in and the jackpot-wins at the gaming machines, said gaming machines developing coins-in information including information related to each coin-in and jackpot-win information including information related to each jackpot-win and being adapted to make said coins-in information and said jackpot-win information available; the method comprising:

receiving from said gaming machines said coins-in and jackpot win information;

developing said jackpot values for said gaming [devices] machines using said received coins-in information and jackpot-win infromation;

[and] electronically tagging each jackpot-win in said received jackpot-win information from the gaming machines with a time and date of receipt;

storing each said electronically tagged jackpot-win;
and enabling said developed jackpot values to be made
available to said gaming machines. --.



Delete claim 34.

Amend claims 35-46 as follows:

-- 235. (Amended) The method in accordance with claim [34]

said jackpot-win information includes <u>for each jackpot-win in said jackpot-win information identification</u> [one or more] of the jackpot group <u>won</u> and [the] identification of the gaming machine at which the win occurred;

and said storing step further [table] includes storing the jackpot value corresponding to each [set of] stored electronically tagged jackpot-win [information].

(Amended) A method for use in a progressive jackpot gaming system in which a plurality of gaming machines are adapted to receive coins-in and to have one or more [associated] jackpot groups whose respective jackpot values are determined based upon the coins-in and the jackpot-wins at the gaming machines, said gaming machines developing coins-in information including information related to each coin-in and jackpot-win information including information related to each jackpot-win and being adapted to make said coins-in information and said jackpot-win information available the method comprising:

receiving from said gaming machines said coins-in and jackpot-win information;

using programming means containing programs for operating a first means and using data storage means contained in

said first means, developing with [progressive] said first means
said jackpot [amounts] values for said jackpot groups from said
received jackpot-win information and coins-in information;

allowing an external device which is other than a gaming machine to transmit messages to said first means for [changing] accessing said first means for preselected purposes [, said messages including device identification and message type identification];

[and storing the device identification and message type identification in said messages in said data storage means]

permitting said first means to respond to a message for accessing said first means for a particular preselected purpose only if the message contains one or more of a device identification and a message identification;

and enabling said developed jackpot values to be made available to said gaming machines.

(Amended) A method in accordance with claim 38 wherein:

said [developing step is unaffected by messages for changing said means unless the messages contain device identification] permitting step includes storing the device identification and message identification contained in a message.

32 (Amended) An method in accordance with claim 31 wherein:

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said developing step;

[certain of said] and said permitting step is carried out by permitting said first means to respond to messages [are] for [changing] accessing said first means for the purpose of gaining access to said jackpot data in said storage means and for the purpose of gaining access to said program [changing the configuration] of said programming means only if the messages contain both device identification and a message

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(Amended) A method for use in a progressive jackpot gaming system in which a plurality of gaming machines are adapted to receive coins-in and to have a plurality of [associated] jackpot groups whose respective jackpot values are determined based upon the coins-in and the jackpot-wins at the gaming machines, said gaming machines developing coins-in information including information related to each coin-in and jackpot-win information including information related to each jackpot-win and being adapted to make said coins-in information and said jackpot-win information available, said method comprising:

p receiving said coins-in information and said
jackpot-win information;

f | allocating the jackpot-win information to said jackpot groups;

permitting, but not requiring, allocation of the

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information in the coins-in information related to a particular coin-in to more than one but less than all of the jackpot groups;

[and] establishing a jackpot value for each particular jackpot group based upon the [received] coins-in information and jackpot-win information allocated to that particular jackpot group[, said establishing including allocating the coin-in information of a particular coin selectively to one or more jackpot groups];

available to said gaming machines.

34 (Amended) A method in accordance with claim 39 wherein:

said step of establishing [establishes] a jackpot value for each particular jackpot group is carried out by [adding] summing a base jackpot amount [to] with a further jackpot amount which is based upon [the coins] each coin-in indicated by the information related to each coin-in contained in the coins-in information allocated to the particular jackpot group.

35 41. (Amended) A method in accordance with claim 40 wherein:

said further jackpot amount for each particular jackpot group is determined by [adding an] summing increment jackpot amounts determined for [each] the indicated coins-in for that particular jackpot group.

36 42. (Amended) A method in accordance with claim 41

wherein:

determining from the information related to each coin-in contained in the coins-in information allocated to a particular jackpot group which one of a plurality of [increments] increment jackpot amounts is to be used for each indicated coin-in whose increment jackpot amount is to be summed to form said further jackpot amount for that particular jackpot group; and summing said determined increment jackpot amounts for the particular jackpot group to form the further jackpot amount for the particular group.

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(Amended) A method for use in a progressive jackpot gaming system in which a plurality of gaming machines are adapted to receive coins-in and to have one or more [associated] jackpot groups whose respective jackpot values are determined based upon the coins-in and the jackpot-wins at the gaming machines, said gaming machines developing coins-in information including information related to each coin-in and jackpot-win information including information related to each jackpot-win and being adapted to make said coins-in information and said jackpot-win information available, said method comprising:

receiving coins-in information and jackpot-win information[.];

allocating the jackpot-win information and the coins-in information to the jackpot groups;

[and] establishing a jackpot value for a particular jackpot group based upon the <u>information related to each coin-in in the</u> coins-in information and <u>the</u> jackpot-win information allocated to [associated with] that particular group, said establishing including <u>the capability of further establishing at one of a plurality of levels</u> the contribution of a particular coin-in to [the] a particular jackpot value [at one of a plurality of levels] depending upon the <u>information in said</u> coins-in information [corresponding] <u>related</u> to the particular coin-in;

available for supply to said gaming machines.

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(Amended): A method in accordance with claim 43

wherein:

determining each particular jackpot value by [adding to] summing with a base jackpot amount[, for each particular coin indicated by the associated coins-in information, a further] the increment jackpot amounts [equal to one of a plurality of increments] for the coins-in indicated in the information in said coins-in information allocated to a particular jackpot group.

(Amended) A method for use in a progressive jackpot gaming system in which a plurality of gaming machines are adapted

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to receive coins-in and to have one or more [associated] jackpot groups whose respective jackpot values are determined based upon the coins-in and the jackpot-wins at the gaming machines, said gaming machines developing coins-in information including information related to each coin-in and jackpot-win information including information related to each jackpot-win and being adapted to make said coins-in information and said jackpot-win information available, said the method comprising:

receiving coins-in information and jackpot-win information from said gaming devices,

f establishing jackpot values for said jackpot groups based upon the coins-in information and jackpot-win information [associated with the groups];

providing a [jackpot] memory stack having a plurality of positions each for storing the information in said jackpot-win information [associated with] related to one jackpot-win;

and clearing from said stack the [jackpot-win] information [associated with a won] related to a jackpot-win immediately and regardless of the [location of the jackpot-win information in the stack] position in said memory stack at which said information is stored, upon receipt from the gaming machine at which the jackpot-win has [been won] occurred of a signal indicating that the jackpot has been cleared and reshuffling the

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